

BCD Digital Display dab-4

General Function

BCD Digital Display **dab-4** is SPS controlled by the BCD output thereof by separate input to each of its three digits which may be enabled or held via a common enable contact.

By means of the hold function multiplexing several displays is possible via ribbon wiring. The display may be supplied directly with 24 V DC from the SPS control. Supply voltage is DC decoupled from the BCD inputs.

Digital display **dab-4** is housed in a small front panel case (72x36 mm). The 13 mm tall 7-segment numerals make for easy reading.

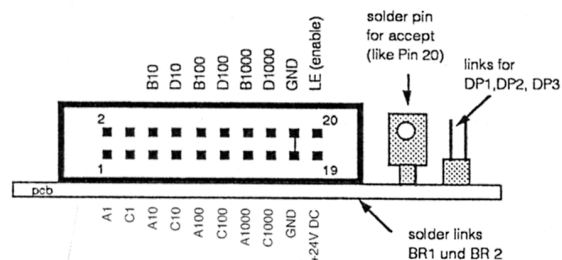
Features

- 4-digit readout by 13 mm tall numerals
- enable/hold input
- 20 pin ribbon ported
- freely selectable decimal point
- 24 V DC supply, DC-decoupled

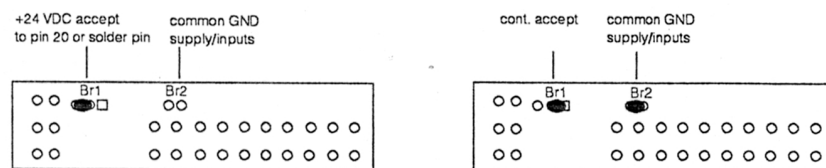
Specification

Style	panel mount case 72x36x60mm, clip fastener panel cutout 66x33mm, tol. -0.5 mm
Enclosure code	IP 54 bezel, IP 20 rear (IP 65 bezel optional)
Display	7-segment LED display red, 4-digit, 13 mm tall count 0000...9999
Ambient	operating temp. 0...+50°C shelf temp. -20...+70°C humidity 0...95% no condensate
Inputs	4 digit BCD 0/24 V DC signal (see Table) LE accept input 24 V= BCD input accept 0V= hold display
Decimal points	freely selectable via rear links
Supply voltage	24 V DC (18...28V)/max. 60 mA

Pin Assignments (viewed from rear)



Solder jumper assignments view of pcb from below



3/94 Lh/PM 4.2

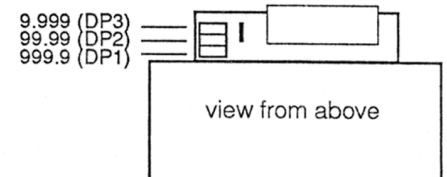
All data subject to change and errors excluded



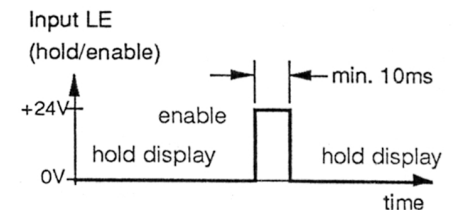
BCD Digital Display **dab-4**

Decimal point links

View from above



Enable signal



BCD Code Table

	A1	B1	C1	D1
	A10	B10	C10	D10
	A100	B100	C100	D100
	A1000	B1000	C1000	D1000
0	-	-	-	-
1	x	-	-	-
2	-	x	-	-
3	x	x	-	-
4	-	-	x	-
5	x	-	x	-
6	-	x	x	-
7	x	x	x	-
8	-	-	-	x
9	x	-	-	x

"x"=24V "-"=0V

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MESSTECHNIK